Page 4

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Title: DESIGN AND USE OF ADVANCED ZINC CHELATING PEPTIDES TO REGULATE MATRIX METALLOPROTEINASES

IN THE CLAIMS

Please amend the claims as shown in the following detailed claim listing.

- 1. (Currently Amended) An MMP A metalloproteinase regulator comprising a 2-amino-4-fluorophenol N,N,O triacetic acid zinc chelator and a TIMP-derived peptide consisting essentially of SEQ ID NO:8.
- 2-7. (Cancelled)
- 8. (Currently Amended) A method of treating chronic or acute wounds comprising administering an MMP a metalloproteinase regulator comprising a 2-amino-4-fluorophenol N,N,O triacetic acid zinc chelator and a TIMP-derived peptide peptide consisting essentially of SEQ ID NO:8.
- 9-14. (Cancelled)
- 15. (Currently Amended) A composition comprising a pharmaceutically acceptable carrier and an HMP a metalloproteinase regulator, wherein the HMP metalloproteinase regulator comprises a 2-amino-4-fluorophenol N,N,O triacetic acid zinc chelator and a TIMP-derived peptide consisting essentially of SEQ ID NO:8.
- 16. (Original) The composition of Claim 15, wherein the composition is in topical form.
- 17. (Original) The composition of Claim 15, wherein the composition is in the form of a lotion, ointment, cream, gel, stick, spray, paste, mousse, solution, dispersion, emulsion, solid, and liposome.
- 18-23. (Cancelled)